

Author Index to Volume 51

(ASHG) = American Society of Human Genetics report; (BR) = book review; (E) = editorial; (HE) = historical essay; (HGES) = Human Genetics Education section; (L) = letter to the editor; (M) = minireview; (NIH) = National Institutes of Health workshop statement; (Op) = opinion

- Aasly, J., 1201
Abdalla, J. A., 579
Abel, L., 207 (L)
Abeliovich, D., 951
Adelsberger, P. A., 1015
Adkins, S., 821
Ainsworth, P. J., 802
Akerman, B. R., 793
Alonso, M. E., 998
Alper, J. K., 895 (L), 898 (L)
Alper, J. S., 895 (L), 898 (L), 903 (L)
American Society of Human Genetics, The, 1443 (ASHG)
Andersen, O., 1201
Anderson, L., 998
Andrews, L. G., 763
Antignac, C., 135
Antonarakis, S. E., 273, 516, 998, 1015
Anvret, M., 850
Aparicio, J. M. R., 1406
Apold, J., 1355
Arnheim, N., 985
Arthus, M.-F., 1089
Asaba, H., 1172 (L)
Atkinson, M., 508
Aust, M. R., 763
Austin, M. A., 829
Avital, A., 951
Axenovich, T. I., 1156
Aylsworth, A. S., 307

Bach, I., 38
Bagley, R., 416
Bain, H. H., 957
Bakker, E., 730, 1150
Balazs, I., 432
Ball, M. J., 998
Ballesta, F., 1286
Bankier, A., 957
Baraitser, M., 871
Barash, C. I., 903 (L)
Barbi, G., 299

Barnes, G., 357
Barnett, D. R., 930 (HGES)
Barrantes, R., 609
Barrett, M. J., 763
Bartels, C. F., 821
Barton, S. A., 1325
Bascom, R. A., 1028
Baumiller, R. C., 938 (HGES-L)
Beaty, T. H., 1047
Becker, H. W., 1036
Beckman, G., 1066
Beckman, L., 1066
Beckmann, J., 1372
Beckwith, J., 903 (L)
Beighton, P., 38, 841, 1058
Belal, S., 1372
Belfroid, R., 730
Bell, J. I., 585
Belmont, J. W., 1229
Belsham, D. D., 143
Ben Hamida, C., 1372
Ben Hamida, M., 1372
Benkendorf, J., v (November) (Op)
Bennett, P. H., 101
Berencsi, G. Y., 1355
Berkovitz, G. D., 979
Bertheas, M. F., 1015
Berthelon, M., 191
Berthelot, J., 191
Bertolini, S., 123
Beuten, J., 307
Bichet, D. G., 1089
Bickmore, W. A., 1286
Billings, P. R., 903 (L), 1168 (L)
Billstrand, C., 1344
Binkert, F., 1015
Bird, T. D., 998
Birnbaumer, M., 1078
Blanton, S. H., 442 (L), 709
Blecher, S. R., 1451 (L)
Blitzer, M. G., 1071
Blomback, M., 850
Bockel, B., 554
Bodrug, S. E., 411, 432

Boehnke, M., 917 (BR)
Bonaïti-Pellié, C., 1449 (L)
Bondy, M. L., 344
Boot-Handford, R., 841
Booth, C., 1344
Bordet, S., 143
Borgaonkar, D. S., 220 (HGES)
Bosch, E. P., 428
Boszkowa, K., 1355
Boué, J., 111, 1015
Boulanger, L., 440 (L)
Boulet, L., 1187
Brabec, P., 1078
Brandt, B., 1450 (L)
Braverman, I. M., 235
Brdicka, R., 1355
Breda, C., 197
Brinkman, A. O., 143
Broadhead, W., 404
Brock, D. J. H., 245
Brockdorff, N., 1036
Brockington, M., 741
Brouwer, O. F., 411
Brown, J., 957
Brown, M. D., 378, 446 (L)
Browne, D., 1036
Brunner, H. G., 38
Bruns, G. A. P., 38
Bu, X., 1349
Buckle, V. J., 1136
Buckley, J. D., 585
Buetow, K. H., 428, 432
Bürger, J., 245, 1173 (L)
Burn, J., 957, 964
Burt, R., 92
Bush, A., 245
Byers, P. H., 235, 508
Byrne, E., 457

Cabalska, B., 1355
Cahalane, S., 1355
Calandra, S., 123
Callanan, N. P., 971
Calmettes, C., 469

Author Index to Volume 51

(ASHG) = American Society of Human Genetics report; (BR) = book review; (E) = editorial; (HE) = historical essay; (HGES) = Human Genetics Education section; (L) = letter to the editor; (M) = minireview; (NIH) = National Institutes of Health workshop statement; (Op) = opinion

- Aasly, J., 1201
Abdalla, J. A., 579
Abel, L., 207 (L)
Abeliovich, D., 951
Adelsberger, P. A., 1015
Adkins, S., 821
Ainsworth, P. J., 802
Akerman, B. R., 793
Alonso, M. E., 998
Alper, J. K., 895 (L), 898 (L)
Alper, J. S., 895 (L), 898 (L), 903 (L)
American Society of Human Genetics, The, 1443 (ASHG)
Andersen, O., 1201
Anderson, L., 998
Andrews, L. G., 763
Antignac, C., 135
Antonarakis, S. E., 273, 516, 998, 1015
Anvret, M., 850
Aparicio, J. M. R., 1406
Apold, J., 1355
Arnheim, N., 985
Arthus, M.-F., 1089
Asaba, H., 1172 (L)
Atkinson, M., 508
Aust, M. R., 763
Austin, M. A., 829
Avital, A., 951
Axenovich, T. I., 1156
Aylsworth, A. S., 307

Bach, I., 38
Bagley, R., 416
Bain, H. H., 957
Bakker, E., 730, 1150
Balazs, I., 432
Ball, M. J., 998
Ballesta, F., 1286
Bankier, A., 957
Baraitser, M., 871
Barash, C. I., 903 (L)
Barbi, G., 299

Barnes, G., 357
Barnett, D. R., 930 (HGES)
Barrantes, R., 609
Barrett, M. J., 763
Bartels, C. F., 821
Barton, S. A., 1325
Bascom, R. A., 1028
Baumiller, R. C., 938 (HGES-L)
Beaty, T. H., 1047
Becker, H. W., 1036
Beckman, G., 1066
Beckman, L., 1066
Beckmann, J., 1372
Beckwith, J., 903 (L)
Beighton, P., 38, 841, 1058
Belal, S., 1372
Belfroid, R., 730
Bell, J. I., 585
Belmont, J. W., 1229
Belsham, D. D., 143
Ben Hamida, C., 1372
Ben Hamida, M., 1372
Benkendorf, J., v (November) (Op)
Bennett, P. H., 101
Berencsi, G. Y., 1355
Berkovitz, G. D., 979
Bertheas, M. F., 1015
Berthelon, M., 191
Berthelot, J., 191
Bertolini, S., 123
Beuten, J., 307
Bichet, D. G., 1089
Bickmore, W. A., 1286
Billings, P. R., 903 (L), 1168 (L)
Billstrand, C., 1344
Binkert, F., 1015
Bird, T. D., 998
Birnbaumer, M., 1078
Blanton, S. H., 442 (L), 709
Blecher, S. R., 1451 (L)
Blitzer, M. G., 1071
Blomback, M., 850
Bockel, B., 554
Bodrug, S. E., 411, 432

Boehnke, M., 917 (BR)
Bonaïti-Pellié, C., 1449 (L)
Bondy, M. L., 344
Boot-Handford, R., 841
Booth, C., 1344
Bordet, S., 143
Borgaonkar, D. S., 220 (HGES)
Bosch, E. P., 428
Boszkowa, K., 1355
Boué, J., 111, 1015
Boulanger, L., 440 (L)
Boulet, L., 1187
Brabec, P., 1078
Brandt, B., 1450 (L)
Braverman, I. M., 235
Brdicka, R., 1355
Breda, C., 197
Brinkman, A. O., 143
Broadhead, W., 404
Brock, D. J. H., 245
Brockdorff, N., 1036
Brockington, M., 741
Brouwer, O. F., 411
Brown, J., 957
Brown, M. D., 378, 446 (L)
Browne, D., 1036
Brunner, H. G., 38
Bruns, G. A. P., 38
Bu, X., 1349
Buckle, V. J., 1136
Buckley, J. D., 585
Buetow, K. H., 428, 432
Bürger, J., 245, 1173 (L)
Burn, J., 957, 964
Burt, R., 92
Bush, A., 245
Byers, P. H., 235, 508
Byrne, E., 457

Cabalska, B., 1355
Cahalane, S., 1355
Calandra, S., 123
Callanan, N. P., 971
Calmettes, C., 469

- Cambien, F., 197
 Camp, S., 170
 Carey, A. H., 964
 Caroli, F., 675 (L)
 Casley, W. L., 579
 Cassidy, S. B., 701
 Cavalieri, J., 92
 Cerone, R., 1355
 Chakraborty, R., 680 (L), 1325, 1355
 Chakravarti, A., 516
 Chandley, A. C., 526
 Chang, C., 143
 Chen, C.-S., 386
 Chenevix-Trench, G., 1377
 Cheng, S., 1251
 Chettouh, Z., 1240
 Childs, B., 913 (BR)
 Choiset, A., 111
 Christensen, B., 291
 Christensen, K., 654
 Clarke, A., 1036
 Clarke, J. T. R., 316
 Clarke, L., 81
 Clerget-Darpoux, F., 1449 (L)
 Clericuzio, C., 736
 Cockburn, F., 1355
 Cohen, J. E., 1165 (L)
 Cohen, T., 951
 Collins, F. S., 357
 Colman, M.-A., 879
 Connor, J. M., 1355
 Connor, L., 273
 Constantoulakis, P., 386
 Corbeel, L., 1127
 Corbin, E., 1015
 Corey, M., 245
 Cornélis, F. C., 579
 Corvol, P., 197
 Coucke, P., 307
 Coulter-Mackie, M. B., 802
 Cousin, H. K., 579
 Covello, D. A., 123
 Covone, A. E., 675 (L)
 Cox, D. R., 45, 478
 Cox, N., 1413
 Cox, T. K., 516
 Crapper-McLachlan, D. R., 273
 Cremers, C. W. R. J., 38
 Cremers, F. P. M., 38
 Croquette, M. F., 1015
 Cross, I. E., 957
 Cunningham, G. C., 222 (HGES)
 Curtis, D., 1058
 Cutler, R. C., 1229
 Cutting, G. R., 245, 951
 Dackowski, W., 55
 Daiger, S. P., 442 (L), 709
 Danon, Y., 1349
 Dasovich, M., 1355
 Davies, K. E., 299
 Davies, K. P., 1036
 Davis, M. B., 741
 de Blois, M.-C., 1015
 de Boer, M., 1127
 de Braeckeleer, M., 191
 de Graaf, J., 1295
 de Grouchy, J., 1015
 de Haan, A. F. J., 1295
 de Klein, A., 1127
 de Parscau, L., 191
 de Rooij, F., 660
 Dean, M., 1366
 DeArce, M. A., 245
 DeCroo, S., 1325
 Deeb, S. S., 687
 Deka, R., 1325
 Delabar, J.-M., 1240
 Demacker, P. N. M., 1295
 den Dunnen, J. T., 1150
 Dennett, X., 457
 Dennis, N., 307
 Deschenes, G., 135
 Dessein, A., 207 (L)
 Devlin, B., 534, 549
 Dhermy, D., 440 (L)
 DiMauro, S., 1213
 Dixon, M. J., 1334
 Dizier, M.-H., 1449 (L)
 DNA Testing Subcommittee, Council of Regional Networks for Genetics Services, 910 (L)
 Doane, W. W., 736
 Dobyns, W. B., 709
 Doll, R., 161
 Donis-Keller, H., 1430
 Dörk, T., 245
 Dou, S., 1430
 Dowling, C. E., 793
 Dreyer, V., 291
 Dronamraju, K. R., 216 (HGES), 885 (HE)
 Drucker, L., 371
 Dubowitz, V., 562
 Duffy, D. L., 1377
 Dumanski, J., 964
 Dumontel, C., 111
 Durie, P., 245
 Durner, M., 859
 Ebers, G. C., 579
 Edwards, J. H., 1171 (L)
 Egberg, N., 850
 Eiken, H. G., 1355
 Eisensmith, R. C., 627, 1355, 1445 (L)
 Ekins, M. B., 156
 Elbein, S. C., 1103
 Eldridge, R., 486
 Elicio, N., 123
 Epstein, C. J., 231 (E)
 Erickson, R. P., 682 (BR), 701, 1454 (BR)
 Estabrooks, L. L., 971
 Eubanks, J. H., 170
 Evans, G. A., 170
 Excoffier, L., 592
 Fabacher, P., 1071
 Falk, G., 850
 Falls, K., 416
 Fantes, J. A., 1286
 Fardeau, M., 424
 Farnham, J., 404
 Farrall, M., 879
 Fekete, G., 1355
 Felsenstein, J., 224 (HGES-BR)
 Ferrell, R. E., 680 (L), 1311, 1325
 Ferrie, R. M., 251
 Fischel-Ghodsian, N., 1349
 Fischer, G., 486
 Fleischman, R. A., 677 (L)
 Fletcher, J. M., 1286
 Fogh-Andersen, P., 654
 Francke, U., 1028
 Frants, R. R., 396, 411
 Frantzen, M., 516
 Frazer, K. A., 478
 Freije, D., 66
 Friedman, K. J., 307
 Frigge, M., 1413

- Frontali, M., 486
 Fuhrmann, C., 749
 Fujiwara, T. M., 943 (E), 1089
- Gaddi, A., 123
 Gal, A., 749
 Gandelman, K.-Y., 571
 Gangopadhyay, S. B., 562
 Garbarz, M., 440 (L)
 Garcia-Heras, J., 1028
 Gardiner, K., 1251
 Garver, B., 222 (HGES-L)
 Garver, K. L., 209 (HGES-E),
 222 (HGES-L), 225 (HGES-
 BR), 922 (HGES-E)
 Geier, M., 890 (L)
 Geisser, S., 1084
 Gemmill, R. M., 263
 Gendron, R., 701
 Gerhard, D. S., 1028
 Getman, D. K., 170
 Gettig, E., v (November) (Op)
 Ghisellini, M., 123
 Gibbons, R. J., 1136
 Gibson, L., 571
 Giebel, L. B., 678 (L)
 Gilbert, S. F., 211 (HGES)
 Gilbert, J. R., 396, 424
 Gilgenkrantz, S., 1015, 1089
 Gilliam, T. C., 905 (L)
 Ginsburg, E. Kh., 1156
 Giovannini, M., 1355
 Gitzelman, R., 1355
 Goldberg, B. E., 736
 Golder, N., 245
 Goldman, D., 1366
 Goltsov, A. A., 627
 Goodfellow, P. J., 469
 Goodfellow, P. N., 979
 Goodship, J. A., 957, 964
 Grabowski, G. A., 810
 Grandchamp, B., 660
 Grant, M. E., 841
 Grantham, M., 1265
 Gravel, R. A., 793
 Grebe, T. A., 736
 Grebner, E. E., 793
 Green, A. C., 1377
 Greenberg, C. R., 143, 156, 793
 Greenberg, D. A., 859
 Greenberg, J., 1058
- Greger, V., 1450 (L)
 Gregory, M. C., 1089
 Griggs, R., 416
 Gros, F., 135
 Grove, J., 178
 Growdon, J., 273
 Grünfeld, J.-P., 135
 Gu, X.-F., 660
 Gubler, M.-C., 135
 Guldberg, P., 1355
 Guo, S. W., 1111
 Gusella, J. F., 273, 357, 486
 Gütter, F., 1355
- Hackenberg, R. A., 101
 Hagenfeldt, L., 1355
 Haines, J. L., 273, 486
 Halford, S., 964
 Hamosh, A., 245
 Han, C.-Y., 363
 Hanson, I. M., 1286
 Harada, N., 666
 Haraguchi, Y., 1406
 Harding, A. E., 741
 Harley, H. G., 10, 357
 Harmon, R. P., 1164 (L)
 Harper, P. S., 10, 357, 396, 404
 Hartz, J., 263
 Harvey, R., 55
 Haseltine, F., 920 (BR)
 Hashimoto, L., 579
 Hassold, T. J., 1265
 Hawkins, J. R., 979
 Hayden, M. R., 755
 He, G.-S., 810
 Hecht, B. K., 893 (L)
 Hecht, F., 893 (L)
 Hecht, J. T., 442 (L), 841
 Heckmatt, J. Z., 562
 Heimler, A., v (November) (Op)
 Hendrix, J. R., 924 (HGES)
 Hendy, G. N., 1089
 Hentati, F., 1372
 Herman, G. E., 709
 Hernried, L. S., 736
 Herrmann, J., 701
 Heston, L. L., 998
 Hibiya, Y., 687
 Higashikawa, M., 1406
 Higgs, D. R., 1136
 Hirsch, D. J., 1089
- Hirst, M. C., 299
 Hodge, S. E., 859
 Hoffman, E. P., 721
 Höld, K., 730
 Holden, J. J. A., 307
 Holloway, T. L., 357
 Holm, N. V., 654
 Holme, E., 1201
 Holmes, S. A., 678 (L), 1058
 Holmquist, G., 17
 Holtzman, N. A., 897 (L), 918
 (BR)
 Hook, E. B., 897 (L), 899 (L),
 919 (BR)
 Hopwood, J. J., 316
 Hors, M.-C., 135
 Horsthemke, B., 1450 (L)
 Hossle, J.-P., 1127
 Houseal, T., 55
 Howard, L., 92
 Howe, J. R., 1430
 Howell, N., 1218
 Hsieh, C.-L., 1028
 Hu, D.-N., 648
 Huang, T. L., 273
 Hubert, R., 985
 Hudson, A. J., 579
 Humphries, P., 245, 749
 Hyman, B. T., 273
 Hyser, C., 396, 416
- Inana, G., 81
 Inayama, Y., 1172 (L)
 Ioannou, P., 1372
 Ionasescu, V. V., 428
 Irwin, M., 1413
 Ishida, T., 1172 (L)
 Itakura, M., 1386
 Iwahana, H., 1386
- Jackler, R. K., 478
 Jacobsen, S. J., 396, 416
 James, M. R., 45
 Jean-Francois, M. J. B., 457
 Jeannet, M., 592
 Jenkins, B. J., 273
 Jenkins, T., 879
 Jenkins, T. G., 235
 Jin, L., 1355
 John, S. W. M., 191
 Johnson, W., 1084

- Jones, C., 1028
Jones, K., 1377
Jones, M., 1036
Jordan, E., 1 (E)
Jørgensen, A. L., 291
Journel, H., 191
Juge, M.-C., 111

Kaback, M. M., 793
Kalaitsidaki, M., 273
Kalinin, V. N., 1355
Kamaryt, J., 1355
Kamboh, M. I., 680 (L)
Kamino, K., 998
Kao, F.-T., 263
Kaplan, G., 736
Kaplan, N., 333
Kapp, L. N., 45
Kapsa, R., 457
Karlinsky, H., 273
Karpati, G., 1187
Kaufman, M., 143
Kaye, J., 998
Kelly, D., 964
Kelts, K. A., 1334
Kennaway, N. G., 81
Keston, M., 245
King, T. M., 245
Kirkman, H. N., 971
Klinger, K., 55
Kluge, R., 1089
Knebelmann, B., 135
Kneppers, A. L. J., 1150
Knowler, W. C., 101
Knowles, J. A., 905 (L)
Kock, K., 654
Koenig, M., 1372
Konecki, D. S., 627, 1355
Kong, A., 1413
Kono, Y., 1172 (L)
Kontusaari, S., 497
Korenberg, J. R., 263, 998
Korn, B., 299
Kottke, B. A., 1311
Kotzot, D., 299
Kramer, P., 1036
Krásničanová, H., 245
Krauss, R. M., 829
Kraut, J., 1344
Krawczak, M., 554
Kromberg, J., 879

Kuivaniemi, H., 497
Kukull, W., 998
Kwiatkowski, D. J., 156, 709
Kwiterovich, P. O., 1047

Ladanyi, L., 1173 (L)
La Du, B. N., 821
Laframboise, R., 191
Lai, L.-W., 701
Lairmore, T. C., 1430
Lamb, A. N., 971
Lanchbury, J. S. S., 585
Landes, G., 55
Langaney, A., 592
Lanser, M. J., 478
Lanspa, S., 92
Laqua, H., 749
Larson, E., 998
Larsson, N.-G., 1201
Lashwood, A., 741
Lathrop, M., 585
Lavon, I. P., 951
Lavoué, M.-F., 469
LeChien, K. A., 209 (HGES-E),
 922 (HGES-E)
LeComte, M.-C., 440 (L)
Ledbetter, D. H., 451 (M), 1028
Lejeune, J., 1015, 1240
Lelli, N., 123
Le Marec, B., 191
Lemke, A., 1344
Lenoir, G. M., 469, 486
Leppert, M., 92
Lerer, I., 951
Lerner, T., 55
Lertrit, P., 457
Lester, L. A., 1344
Lethlean, K., 457
Leverone, B., 55
Levison, H., 245
Lewis, J. G., 1015
Lewis, R. A., 709
Li, Y., 749
Liao, S., 143
Lichter-Konecki, U., 627, 1355
Lightstone, H., 821
Ligier, S., 1089
Lim-Steele, J. S. T., 793
Lin, H. J., 363
Lindsey, D. T., 687
Lindstedt, M., 850

Lippman, A., 936 (HGES), 1168
 (L)
Litt, M., 1036
Little, S., 251
Liu, Y.-E., 648
Lloyd-Still, J., 1344
Locke, P., 55
Lockridge, O., 821
Lonergan, M., 1089
Long, J. C., 101
Longhi, R., 1355
Lopez, L., 55
Lorber, B. J., 1265
Lott, M. T., 378
Lou, H., 1355
Louisot, P., 111
Lowden, J. A., 901 (L)
Lubrano, T., 821
Lund, C., 516
Lunt, P., 396, 404
Lustbader, E. D., 344
Lynch, H., 92
Lynch, P., 92
Lyonnet, S., 191, 307, 1355

McCabe, E. R. B., 1277
McCarty, K., 785
McClure, M., 736
MacDonald, M. E., 357
McDowell, G. A., 1071
Macek, M., Jr., 245, 1173 (L)
Macek, M., Sr., 245
McEwen, J. E., 637, 785
McGuire, M. C., 821
Mach, B., 592
McInnes, R. R., 1028
McInnis, M. C., 273, 998
McIntosh, I., 245
Mackey, D., 1218
Maeda, M., 386
Magal, N., 1349
Magnay, D., 307
Magnuson, L., 701
Malcolm, S., 871
Malone, G., 251
Manca, A., 299
Mandel, J.-L., 1089, 1372
Mandon, G., 111
Marazita, M. L., 648
Marcus, S., 1344
Markand, O. N., 1334

- Markert, M. L., 763
 Marks, A., 1240
 Marles, S., 156
 Martin, G. M., 998
 Martin, N. G., 1377
 Martuza, R. L., 486
 Marzuki, S., 457
 Masima, Y., 81
 Masturzo, P., 123
 Mathews, K. D., 396, 428, 432
 Matsuda, I., 1406
 Matsushita, M., 291
 Maury, C. P. J., 156
 Melle, D., 191
 Melnick, M., 648
 Mendell, J., 416
 Mertens, T. R., 924 (HGES)
 Meyn, S., 571
 Mhatre, A., 143
 Middleton, L. T., 1372
 Migeon, C. J., 979
 Mikkelsen, M., 516
 Millán, J. L., 1066
 Miller, G., 562
 Miller, O. J., 916 (BR)
 Mills, K. A., 428, 432
 Milner, E. C. B., 416
 Milstone, L. M., 235
 Milunsky, A., 894 (L)
 Mishra, S. K., 1430
 Mitchell, L. E., 323
 Mizutani, N., 1406
 Moerer, P., 411
 Mohandas, T. K., 526
 Moore, C. M., 930 (HGES)
 Moraes, C. T., 1213
 Morgan, K., 469, 1089
 Mori, M., 1406
 Morris, C. P., 316
 Mortilla, M., 273
 Moseley, A. B., 1229
 Moser, H. W., 915 (BR)
 Mott, C., 1344
 Motulsky, A. G., 291, 687
 Mules, E. H., 793, 1071
 Müller, B., 749
 Mullins, C., 1355
 Munnich, A., 191, 1355
 Murakami, A., 81
 Murnane, J. P., 45
 Murphy, E. G., 579
 Murray, J. C., 396, 411, 428,
 432
 Musarella, M. A., 755
 Naitoh, H., 1406
 Nakamura, Y., 1349
 Narod, S. A., 469, 486
 Nász, I., 1355
 Nathans, J., 444 (L)
 National Institutes of Health
 workshop, 1161 (NIH)
 Natowicz, M. R., 161, 793, 895
 (L), 898 (L), 903 (L)
 Naughten, E. R., 1355
 Navon, R., 371, 793
 Neel, J. V., 609
 Nemens, E., 998
 Newman, B., 829
 Nielsen, D. A., 1366
 Nienhuis, A. W., 363
 Nigro, M. A., 1334
 Noer, A. S., 457
 Noerremoelle, A., 755
 Nogueira, C. P., 821
 Nonomura, Y., 1172 (L)
 Norby-Slycord, C. J., 763
 Nordenskjold, M., 964
 Nordmann, Y., 660
 Norman, R. A., 736
 Northrup, H., 709
 Nürnberg, P., 554
 Ober, C., 1344
 Oberlé, I., 1089
 O'Connell, P., 1334
 O'dahl, S., 998
 Ogawa, H., 666
 Oh, S. J., 1213
 Okano, Y., 1355
 Oldfors, A., 1201
 Ollier, B., 585
 Olsen, B., 516
 Olsen, J., 654
 O'Mahoney, S. M., 245
 Oppenheimer, E., 1089
 Orr, H. T., 998
 Osathanondh, R., 55
 Ott, J., 283
 Otterud, B., 92
 Otto, Y. M., 1452 (L)
 Özalp, I., 1355
 Padberg, G. W., 396, 411
 Painter, R. B., 45
 Panayides, K., 1372
 Pangalos, C. G., 1015, 1240
 Parboosingh, J., 486
 Parent, P., 191, 1015
 Parry, D. M., 486
 Passage, M. B., 526
 Passarge, E., 1450 (L)
 Passos-Bueno, M. R., 1150
 Patterson, D., 263
 Paul, T., 964
 Pausova, Z., 1089
 Pavelka, K., 55
 Payami, H., 998
 Pembrey, M. E., 38, 1355
 Pentchev, P. G., 111
 Percy, M. E., 273
 Pereira, F., 143
 Pericak-Vance, M., 396, 424
 Peters, J., 1265
 Petersen, M. B., 516, 1015
 Pettitt, D. J., 101
 Petty, E. M., 235
 Peyrat, M.-F., 111
 Philip, J., 291
 Philipps, S., 156
 Pijackova, A., 1355
 Pile, K. D., 585
 Pinsky, L., 143
 Pitts, L. H., 478
 Polesky, H. F., 101
 Pope, F. M., 497
 Popovich, B., 721
 Potter, T. G., 424
 Poulsen, H., 516
 Poustka, A., 299
 Prenger, V. L., 1047
 Prieur, M., 1015, 1240
 Prior, L., 143
 Prockop, D. J., 497, 1396
 Proia, R. L., 371
 Propping, P., 909 (L)
 Pruchno, C. J., 508
 Pulst, S. M., 998
 Quiaoit, F., 178
 Raeymaekers, P., 307
 Ramesar, R., 1058
 Ramsay, M., 879

- Rao, K. W., 971
Raoul, O., 1015
Rapaport, D., 1150
Rash, B., 841
Raskind, W. H., 291
Rastan, S., 1036
Ray, P. N., 316, 411, 562
Reardon, W., 10, 38
Reed, T. E., 678 (L)
Reich, E., v (November) (Op)
Reicke, S., 307
Reilly, P. R., 637, 785, 1169 (L)
Reilly, S. L., 1311
Reis, A., 245, 1173 (L)
Rethoré, M.-O., 1015, 1240
Revol, A., 111
Rey, F., 191, 1355
Rey, J., 191
Rhodes, S. N., 736
Richard, C. W. III, 45
Richards, R. I., 7 (E), 316
Richter, S. F., 736
Riess, O., 755
Rigat, B., 197
Risch, N., 323, 534, 549, 673 (L)
Ritty, T. M., 432
Riva, E., 1355
Roach, E. S., 709
Robertson, N. H., 251
Robinson, D., 307
Rodriguez, E., Jr., 709
Rodriguez-Lafrasse, C., 111
Rokala, D. A., 101
Romano, C., 1355
Romano, D. M., 273
Romeo, G., 675 (L)
Roos, D., 1127
Ropers, H.-H., 38
Rosenblatt, H. M., 1229
Rosenstein, B. J., 245
Rosenthal, W., 1078
Roses, A. D., 424
Rothberg, P. G., 1452 (L)
Rothhammer, F., 1325
Rothstein, M. A., 897 (L)
Rott, H.-D., 299
Rotter, J. I., 1349
Rouleau, G. A., 486
Rousson, R., 111
Rozen, R., 191
Rubinstein, H. M., 821
Rutland, P., 871
Ruttledge, M., 486
Ruvalcaba, R. H. A., 38
Ryan, S. G., 1334
Sadovnick, A. D., 998
Saenger, P., 1089
Safneck, J., 156
Sagi, M., 307
St George-Hyslop, P. H., 273
Saito, S., 1386
Sakai, T., 1172 (L)
Salles, J.-P., 1089
Samson, F., 424
Sanchez-Mazas, A., 592
Sand, A., 516
Sandholzer, C., 829
Sandkuijl, L. A., 357, 411, 730
Sanocki, E., 687
Sarfarazi, M., 396, 404
Saudubray, J.-M., 191
Scambler, P. J., 957, 964
Schellenberg, G. D., 998
Schiffmann, R., 161
Schinzel, A. A., 1015
Schlessinger, D., 66
Schlezinger, M., 1349
Schmerler, S., v (November) (Op)
Schmidt, A., 299
Schmidtke, J., 245
Schmitt, K., 985
Schuler, D., 1355
Schultz, P., 416
Schwabe, A. D., 1349
Schwartz, E., 1355
Schwartz, L. S., 721
Schwarz, M. J., 245, 251
Schwinger, E., 749
Scriver, C. R., 191, 943 (E), 1089
Seashore, M. R., 235
Seger, R., 1127
Seibold, A., 1078
Selby, J. V., 829
Seltzer, W. K., 721, 736
Sereda, L., 1396
Serre, J.-L., 1015
Serville, F., 1015
Shanske, S., 1213
Shapira, E., 1071
Shapiro, L. J., 526
Sharkey, A., 964
Sharma, V., 998
Shaw, D. J., 10, 357
Sherratt, T. G., 562
Shiang, R., 1334
Shigekiyo, T., 1386
Shi-Isaac, X., 592
Shiono, T., 81
Shirakami, A., 1386
Shoffner, J. M., 446 (L), 1179 (E)
Shohat, M., 1349
Shohat, T., 1349
Shokeir, M., 562
Shook, D., 55
Shoubridge, E. A., 1187
Shozu, M., 666
Siffroi, J. P., 1015
Sikström, C., 1066
Silvestri, G., 1213
Sinet, P.-M., 1240
Sing, C. F., 1311
Sirugo, G., 1372
Skraastad, M. I., 730
Smith, F. I., 161
Smith, I., 1355
Smith, K. D., 979
Smith, L. T., 235
Smouse, P. E., 609
Smyrk, T., 92
Snell, R. G., 357
Sobol, H., 469
Soubrier, F., 197
Speed, R. M., 526
Speer, M. C., 424
Spence, M. A., 648
Spirio, L., 92
Spotila, L. D., 1396
Springer, C., 951
Spritz, R. A., 678 (L), 1058
Sribney, W. M., 773
Stajich, J. M., 424
Stalenhof, A. F. H., 1295
Stamatoyannopoulos, G., 386
Stamboulieh-Abazis, D., 1240
Stauffer, D., 92
Stautnieks, S., 871
Steinbach, P., 299
Steinberg, A. G., 101
Steinmann, B., 1355

- Stevens, G., 879
 Stewart, C. S., 424
 Stolle, C., 497
 Storwick, D., 416
 Strom, S., 344
 Strong, L. C., 344
 Strong, P. N., 562
 Stuhrmann, M., 245
 Super, M., 245, 251
 Sutherland, G. R., 7 (E), 316
 Suthers, G. K., 1136
 Svensson, E., 1355
 Sweeney, M. G., 741
 Sweetman, W. A., 841
 Swift, M., 773
 Swinkels, D. W., 1295
 Sykes, B., 841

 Tagle, D. A., 357
 Takata, R. I., 1150
 Talbot, C. C., Jr., 1015
 Tanzi, R. E., 273
 Tarleton, J., 721
 Tassone, F., 1251
 Taylor, A., 979
 Taylor, J. F. N., 957
 Taylor, P., 170
 Teller, D. Y., 687
 Terry, J. C., 1334
 Te Velde, K., 660
 Théophile, D., 1240
 Thepot, F., 1015
 Thomas, E., 701
 Thomas, G. H., 793
 Thomas, J. T., 841
 Thomas, N. S. T., 1036
 Thompson, E. A., 609, 1111
 Thompson, L. M., 357
 Thyagarajan, D., 457
 Tiercy, J.-M., 592
 Tiozzo, R., 123
 Tiret, L., 197
 Tommerup, N., 516
 Toriello, H., 1175 (BR)
 Torroni, A., 378, 446 (L)
 Toscano, A., 741
 Towbin, J. A., 1277
 Trapman, J., 143
 Trask, B. J., 1277
 Travers, H., v (November) (Op)
 Trifiro, M. A., 143

 Trigg, M. E., 890 (L)
 Triggs-Raine, B. L., 793
 Tromp, G., 497
 Trounce, I., 378
 Tryggvason, K., 135
 Tsui, L.-C., 245
 Tulinius, M. H., 1201
 Tümmler, B., 245
 Tupler, R. G., 273

 Uchino, T., 1406
 Upadhyaya, M., 396, 404
 Utermann, G., 829

 van Broeckhoven, C., 307, 516
 Vance, J. M., 424
 van den Engh, G., 1277
 van der Boorn, N., 411
 Van Der Spek, A. F. L., 821
 van der Velde-Visser, S. D., 38
 van der Ven, K., 1344
 Van de Vosse, E., 730
 van Dijk, K. W., 416
 van Heyningen, V., 1286
 Vanier, M. T., 111
 van Loon, N., 45
 van Nouhuys, C. E., 749
 van Ommen, G. J. B., 411, 730,
 1150
 Vaudin, S., 251
 Vaula, G., 273
 Vávrová, V., 245
 Vegter-van der Vlis, M., 730
 Veile, R., 1430
 Verellen, C., 1240
 Vieland, V. J., 905 (L)
 Visvikis, S., 197
 Vits, L., 307
 Voortman, G., 660

 Wadey, R., 964
 Wahlström, J., 1201
 Wallace, D. C., 378, 446 (L),
 1179 (E)
 Wallis, G. A., 841
 Walsh, K., 957
 Wang, T., 1355
 Wang, Y., 442 (L)
 Warren, A. C., 273, 516, 998
 Warren, N. S., 224 (HGES-BR)
 Warren, R. J., 892 (L)

 Warren, S. T., 307
 Wasco, W., 273
 Wasmuth, J. J., 1334
 Watson, E. K., 245
 Watson, P., 92
 Weber, B., 755
 Weber, J. L., 985
 Weening, R. S., 1127
 Weiffenbach, B., 396, 416
 Weir, B. S., 333, 992
 Weitz, C. J., 444 (L)
 Welch, J. P., 793
 Weleber, R. G., 81
 Wells, S. A., Jr., 1430
 Went, L. N., 444 (L)
 Wertelecki, W., 235
 White, B. N., 307
 White, J. A., 998
 White, R., 92
 Wiens, A., 156
 Wijmenga, C., 396, 411, 432
 Wijsman, E. M., 998
 Wiles, K. R., 428
 Wilfond, B. S., 936 (HGES)
 Wilker, N., 1168 (L)
 Wilkie, A. O. M., 1136
 Willard, H. F., 1028
 Willard, H. F., 1265
 Willems, P. J., 307
 Williams, C., 245
 Williams, R. C., 101
 Williams, W. R., 344
 Williamson, R., 964
 Willing, M. C., 508
 Wilson, D. I., 957, 964
 Wilson, P. J., 316
 Winderickx, J., 687
 Winter, R. M., 871
 Wittwer, B. H., 307
 Wöhrle, D., 299
 Wolff, R. K., 478
 Wolstenholme, J., 957
 Woo, S. L. C., 627, 1355, 1445
 (L)
 Woods, C. G., 1171 (L)
 Wooley, J., 1164 (L)
 Woolhouse, M. E. J., 206 (L)
 Wordsworth, P., 585
 Worton, R. G., 562
 Wrogeman, K., 143
 Wulbrand, U., 245

Xu, Y., 263, 432

Yamada, K., 666

Yamaoka, L. H., 424

Yandell, D., 1450 (L)

Yang, C.-C., 378

Yang-Feng, T. L., 571

Yen, P. H., 526

Yoneda, H., 1172 (L)

Yoshida, A., 386

Yoshimoto, K., 1386

Yu, J., 263

Yu, L.-C., 45

Zabel, B., 841

Zatz, M., 1150

Zelinsky, T., 156

Zemková, D., 245

Zhang, L., 985

Zhang, Z. P., 850

Zhao, L. P., 178

Zingg, H., 1089

Zoghbi, H. Y., 1229

Zonana, J., 1036

Zwane, E., 879

Subject Index to Volume 51

(ASHG) = American Society of Human Genetics report; (BR) = book review; (E) = editorial; (HE) = historical essay; (HGES) = Human Genetics Education section; (L) = letter to the editor; (M) = minireview; (NIH) = National Institutes of Health workshop statement; (Op) = opinion

- Abnormal splicing, 666
Abuse, screening, 10
Acetylcholinesterase, 170
Achondroplasia, 841
Acoustic neuroma, 478, 486
Acrocentric chromosomes, 971
Acute intermittent porphyria, 660
Adenomatous polyposis coli, 92
Admixture, 680 (L)
 Estimates, 678 (L)
 Informative alleles, 678 (L)
Adrenal hypoplasia congenita, deletions, 1277
Affected relative pairs, 673 (L)
Age-specific penetrance, 344
Alkaline phosphatase, 1066
Allele frequencies, 283
Alleles, alkaline phosphatase, 1066
 α -Thalassemia, 1136
Alport syndrome, 135
Alu repeat sequences, 1103
Alzheimer disease, 998
 Familial and sporadic, 273
Amelogenin genes, 1451 (L)
American blacks, 680 (L)
American Board of Medical Genetics
 Certification, 910 (L)
 Restructuring, v (November) (Op)
Americans with Disabilities Act, 895 (L), 897 (L)
Amerindian tribal interrelationships, 609
Amino acid substitution, 386
Amplification refractory mutation system, 251
Amyloid, 998
 β -Protein precursor gene mutations, 273
 Deposit disorder, 156
 Precursor protein gene, 998
Androgen resistance (insensitivity), 143
Aneuploidy, 55, 1015
Aneurysms, 497
Angiotensin I-converting enzyme, 197
Aniridia, 1286
Anticipation, 7, 10
Antidiuretic hormone receptor gene, 1078
Apolipoprotein(s), 829, 1311
 A-1, 1047
B 3' VNTR locus, 1325
E genotypes, 1311
Arginase deficiency, 1406
Armenians, 1349
Aromatase deficiency, 666
Ascertainment formalization, 1156
Ashkenazi Jews, 951
Association, 1172 (L), 1377
Assortative mating, 773
Ataxia-telangiectasia, 45
ATDC, 45
Attenuated or variable polyposis phenotype, 92
Autoimmunity, 585
Automatic sequencer, 721
Autosomal recessive inheritance, 235
Autosomal recessive retinitis pigmentosa, 755
Azoospermia, 526
Becker muscular dystrophy, 562, 675 (L), 721
 β -Hexosaminidase, 371, 793
 A, 1071
Beta subunit, cGMP phosphodiesterase gene, 755
Bias in disease mapping, 283
Biochemical genetics, 216 (HGES), 885 (HE)
Bioethical decision making, 924 (HGES)
Biography, J. B. S. Haldane, 885 (HE)
Bipolar disorder, 1172 (L)
Bivariate flow karyotyping, Xp21 deletions, 1277
Blacks, 678 (L)
Blue-sensitive opsin, 444 (L)
Books reviewed, author/editor:
 Adolph, K. W., 916
 Davies, K. E., 682
 Draper, E., 918
 Durham, W. H., 913
 Friedmann, T., 1454
 Harris, H., 1175
 Hirshhorn, K., 1175
 Jackson, J. F., 224 (HGES)
 Ott, J., 917
 Roels, F., 915
 Spallone, P., 920
 Spiess, E. B., 224 (HGES)
 Tilghman, S. M., 682

- Weatherall, D. J., 225 (HGES)
- Books reviewed, title:
Advanced Techniques in Chromosome Research,
916
Advances in Human Genetics. Vol. 20, 1175
Analysis of Human Genetic Linkage, rev. ed., 917
Coevolution: Genes, Culture, and Human Diversity, 913
Congenital Malformations Worldwide: A Report from the International Clearinghouse for Birth Defect Monitoring Systems, 919
Generation Games: Genetics Engineering and the Future of our Lives, 920
Genes in Populations, 2d ed., 224 (HGES)
Genetics and You, 224 (HGES)
Genome Analysis. Vol. 3: *Genes and Phenotypes*,
682
Molecular Genetic Medicine. Vol. 2, 1454
New Genetics and Clinical Practice, The, 3d ed.,
225 (HGES)
Peroxisomes: A Personal Account, 915
Risky Business: Genetic Testing and Exclusionary Practices in the Workplace, 918
Butyrylcholinesterase variants, 821
- c-kit proto-oncogene, 677 (L), 678 (L)
- Cajuns, 1071
- Candidate genes, 1377
- Carrier screening, 371, 1344
Cystic fibrosis, 943 (E), 1443 (HGES)
- Carrier testing, 936 (HGES), 1089
- Caucasian admixture, 678 (L)
- Caucasian genes, 680 (L)
- cDNA
Clones, chromosome 21, regional mapping, 263
Expression, 386
- Ceiling principle, 1165 (L)
- China, 648
- Chloride channel, 579
- Cholesterol esterification, 111
- Chorionic villus cells, 111
- Chromatin flavors, 17
- Chromosomal fluorescent in situ hybridization, 170
- Chromosome bands, 17
- Chromosome 4, 424, 432, 571, 971
- Chromosome 4p, 730
- Chromosome 4q, 416
- Chromosome 4q35, 411
Genetic map, 396
Linkage map, 416
- Chromosome 7, 1396
- Chromosome 7q22, 170
- Chromosome 7q35, 579
- Chromosome 9, 709
- Chromosome 10 markers, 1430
- Chromosome 11, 1366
- Chromosome 11q, 749
- Chromosome 11q13, 1028
- Chromosome 11q23, 45
- Chromosome 15q11.2-q12, 879
- Chromosome 16, 1349
- Chromosome 21, 998, 1240, 1251
Microdissection library, 263
- Chromosome 22, 478, 957
- Chromosome X, 66, 741, 1036
- Chromosome Xq28, 307
Deletion, 316
- Chronic granulomatous disease, 1127
- Cleft lip, 323, 648, 654, 1377
- Cleft lip and palate, 442 (L)
- Cleft palate, 648, 654, 1377
- Clinical genetics, 890 (L)
- COL1A1, 841
Null allele, 508
- Collagen, 235
α5(IV) chain, 135
- Mutation, 1396
- Processing, 235
- Triple helix, disruption, 497
- Type X, 841
- Colorblindness, 291
- Color vision
Defects, 687
Genetics, 444 (L)
- Colorectal cancer, 92
- Commercialization, 894 (L)
- Common ancestor, 123
- Community teaching, 220 (HGES)
- Competitive oligonucleotide priming PCR, 666
- Complementation, 45
- Complex I, 1218
- Complex segregation analysis, 1111, 1295
- Compound heterozygote, 1386
- Confidentiality, 637
- Confined placental mosaicism, 701
- Congenital stiff-man syndrome, 1334
- Consanguinity, 1372
- Contiguous gene syndromes, Xp21, 1277
- Coronary heart disease, 1047
Risk, 1295
- Correlation, 178
- Critical chromosomal region, 571

- Cross-reacting material-negative variant, 386
CYBA gene, 1127
Cystic fibrosis, 245, 251, 333, 736, 936 (HGES), 951, 1173 (L), 1344
 Carrier screening, 943 (E), 1443 (ASHG)
 Genotype/phenotype correlation, 943 (E)
 Mutations, 951
 Screening, 943 (E)
 Transmembrane (conductance) regulator, 245, 251, 736, 1173 (L), 1344
Cytochrome *b*, 1218
Cytochrome *b*₅₅₈, 1127
Cytochrome c oxidase subunit I, 378
- D4S139, 404**
D9S5, 1372
Deafness, 38
Deficiency cases, 554
Delaware Genetics Week, 220 (HGES)
Deletion, 123, 562, 971
 Overlap, 571
ΔF508, 1344
 Mutation, 245
Dementia, 1201
Demography, 101
Denaturing gradient gel electrophoresis, 81, 444 (L), 660
Developmental biology, 211 (HGES)
DFN3, 38
Diabetes mellitus, 191
Differential gene expression, 497
DiGeorge syndrome, 957, 964
Dinucleotide polymorphisms, 432
Discrimination, genetic, 637, 785
Disease gene mapping, 905 (L)
DNA banking, 1169 (L)
DNA-binding protein, 143
DNA fingerprinting, 554
DNA forensics, 1169 (L)
DNA marker, 1172 (L)
 Allele frequency, 905 (L)
DNA polymorphism(s), 592, 1015, 1450 (L)
DNA sequencing, 1 (E)
DNA testing laboratories, 910 (L)
Dominant osteogenesis imperfecta, 508
Dosage analysis, 964
Down syndrome, 516, 936 (HGES), 938 (HGES-L), 998, 1240, 1251, 1265
Duchenne muscular dystrophy, 428, 562, 675 (L), 721
Deletions, 1277
- Mutations, 1150**
Duffy blood group, 678 (L)
Duplication, 1240
DXS115, 66
DXYS64, 66
Dynamic mutation, 7
Dystrophin, 562
 Gene, 1452 (L)
- Ectodermal dysplasia, 1036**
Education, 220 (HGES)
 Accountability, 924 (HGES)
 Problem-based, 930 (HGES)
- Electron microscopy, 235**
Electrophoresis, 1452 (L)
Embryology, 211 (HGES)
Embryonic origins, cells, 497
Employment, 637
 Discrimination, 895 (L), 898 (L)
Encephalomyopathy, 1201
Epidemiology, 206 (L), 654
Equal Employment Opportunity Commission, 897 (L)
Estimating equations, 178
Estrogen synthetase, 666
Ethics, 1 (E), 222 (HGES-L), 1168 (L)
Ethnic allele frequency distributions, 534
Ethnic distribution, 245
Ethnicity, 1344
Eugenics, 10, 222 (HGES-L), 909 (L)
 History, 222 (HGES-L)
Euthanasia, 222 (HGES-L)
Exchangeable variables, 1084
Exposure patterns, 206 (L)
- Facioscapulohumeral muscular dystrophy, 396, 404, 411, 416, 424, 428, 432**
International consortium, 396
Factor VIII, 66
Fairness and discrimination, 895 (L), 898 (L)
Familial Alzheimer disease, 273
Familial cancer, 344
Familial correlations, 207 (L)
Familial exudative vitreoretinopathy, 749
Familial hypercholesterolemia, 123
Familial Mediterranean fever, 1349
Familial resemblance, 178
Family studies, 178, 1047
Felty syndrome, 585
Fetal liver, 111
Fibrillogenesis, 235

- Fluorescence (or fluorescent) *in situ* hybridization, 55, 964, 1286
 Fluorescent linkage analysis, 721
 Fluorescent primer, 666
 Fluoride-1 variant, 821
 Fluoride-resistant butyrylcholinesterase, 821
 Forensics, 985, 992
 DNA testing, 1165 (L)
 DNA typing, 1164 (L)
 Inference, 534, 549
 Founder effect(s), 1071, 1355, 1445 (L)
 Fragile X, 7
 Site, 299
 Syndrome, 299
 Frameshift, 562
 Mutation, 1386
 FRAXA, 316
 Friedreich ataxia, 1372
 Functional profile, 363

 G551D mutation, 245
 Gamma-aminobutyric acid type A receptor, 1334
 γ -Globin promoter, 363
 Gangliosidosis, 802
 Gelsolin, 156
 Gene diversity, 534
 Gene frequency, 1325
 Gene mapping, 1 (E), 283, 749, 1036
 Gene mutation, 1058
 Gene survival, 609
 Genealogical analysis, 123, 1089
 Genetic admixture, 101
 Genetic advancements, information, 922 (HGES-E)
 Genetic complementation, 1187
 Genetic counseling, 936 (HGES), 938 (HGES-L)
 Genetic diagnosis, 1430
 Genetic discrimination, 895 (L), 897 (L), 898 (L), 899 (L), 901 (L), 903 (L)
 Genetic education, 209 (HGES-E), 936 (HGES)
 Genetic heterogeneity, 486, 773
 Genetic imprinting, 701
 Genetic information, 903 (L)
 Genetic linkage, APC locus, 92
 Genetic locus heterogeneity, 709
 Genetic models, 344
 Genetic testing, 785, 901 (L)
 Laboratories, director qualifications, 910 (L)
 Reproductive, 1161 (NIH)
 Genetics laboratories, 890 (L)
 Academic-based, 894 (L)
 Services, 892 (L)

 Genetics research, 890 (L)
 Genetics services, 894 (L)
 Consumers, 938 (HGES-L)
 Genetics technology transfer, 890 (L)
 Genitourinary abnormalities, 1286
 Genome, 1 (E)
 Genome Data Base, 905 (L)
 Genotype, 245
 Color vision, 687
 Genotype/phenotype correlations, cystic fibrosis, 943 (E)
 Germ cells, 1066
 Germ-line mosaicism, 1150
 Gila River Indian Community, 101
 Glucocerebrosidase, 810
 Glucose-6-phosphate dehydrogenase variant, 386
 Glucosyl ceramide, 810
 Glycerol kinase deficiency, complex, 1277
 G_{M2} gangliosidosis, 371, 793
 Gonadal dysgenesis, SRY mutation, 979
 Growth factor, 1058
 Growth retardation, 1396
 Gyrate atrophy, 81

 Haldane, J. B. S., 885 (HE)
 Hamartoma, 709
 Haplotype(s), 469
 Analysis, Xq28, 1089
 Hardy-Weinberg, 992
 Equilibrium, 534, 1084
 Health-care providers, 220 (HGES)
 Hemizygosity, chromosome 22q11, 964
 Hereditary elliptocytosis, 440 (L)
 Hereditary stiff baby syndrome, 1334
 Heritability, 829, 1295
 Heteroduplex formation, 1173 (L)
 Heterogeneity, 457, 1406
 Heteromorphisms, 516, 1265
 Heteroplasmy, 457
 Heterozygosity, 283, 585
 Loss, 478
 Heterozygote screening, 951
 Hexosaminidase, 802
 High-density lipoprotein-cholesterol, 1047
 History, 909 (L)
 Migrational and phyletic, 609
 HLA, 585
 Class II, 592
 HSAS, 307
 Huether, Carl, Human Genetics Education section editor, 209 (HGES-E)

- Human Genetics Education section**
 Editorial board members, 209 (HGES-E)
 New editor, 209 (HGES-E)
- Human Genome Project**, 222 (HGES-L)
- Hunter disease**, 316
- Huntington disease**, 10, 357, 909 (L)
- Hyperekplexia**, 1334
- Hyperexplexia**, 1334
- Hypochondroplasia**, 841
- Hypohidrotic ectodermal dysplasia**, 1036
- Identity by descent**, 673 (L)
- Identity by state**, 673 (L)
- Iduronatesulfatase**, 316
- Immunodeficiency**, 763
- Immunohistochemical analysis**, 156
- Importance sampling**, 1413
- Imprinting**, 1396
- In-service workshops**, 924 (HGES)
- In situ hybridization**, 451 (M)
- Inborn errors of metabolism**, 216 (HGES)
- Inborn errors of mutation**, 810
- Incidence, cystic fibrosis**, 951
- Incomplete selection**, 1449 (L)
- Informatics**, 1 (E)
- Informed consent**, 637
- Inheritance**, 323
- Insulin receptor gene**, 1103
- Insurance**, 637, 785
 Commissioners, 785
 Testing, 901 (L)
- Interfamilial heterogeneity**, 859
- Intracellular cholesterol processing**, 111
- Intrafamilial heterogeneity**, 859
- Kinship**, 554
- KIT**, 1058
- Lattice corneal dystrophy type I**, 156
- Leber hereditary optic neuropathy**, 378, 741, 1179 (E), 1218
- Legal admissibility**, 1164 (L)
- Li-Fraumeni syndrome**, 344
- Life insurance**, 785
- Likelihood**, 554
- Linkage**, 323, 404, 424, 428, 469, 579, 673 (L), 709, 773, 1349, 1366
- Linkage analysis**, 92, 156, 197, 307, 432, 442 (L), 749, 859, 905 (L), 998, 1036, 1089, 1111, 1413
- Genetic diagnosis**, 1171 (L)
- Linkage disequilibrium**, 333, 469, 992, 1066, 1103, 1165 (L)
- Linkage mapping**, 486
- Lipids**, 1311
- Lipoproteins**, 829
- Locus heterogeneity**, 1089
- Low-density lipoprotein subfractions**, 1295
- Lysosomal enzymes**, 371
- Lysosomal storage disease**, 793, 810
- Manic-depressive illness**, 1172 (L)
- Mapping**, 404, 1349
 Genomic, Xp21, 1277
- Marker polymorphism**, 673 (L)
- Markov chain methods**, 1111
- MASA syndrome**, 307
- Maternal inheritance**, 191
- Medical genetics**, 231 (E)
 Curriculum, 930 (HGES)
 Education, 930 (HGES)
 Problem solving, 930 (HGES)
- Medicine, academic and private**, 890 (L)
- Medullary thyroid cancer**, 469
- Megakaryocyte**, 170
- Meiotic studies**, 526
- Membrane receptor**, 677 (L), 678 (L)
- Mental retardation**, 451 (M), 709, 1286
 Personality, 938 (HGES-L)
 X-linked, 1136
- Mexican-Americans**, 101
- Microcephaly**, 736
- Microdeletion**, 38, 964
 Fragile-X site, 299
 Syndromes, 451 (M)
- Microdissection library, chromosome 21, regional mapping of microclones**, 263
- Microsatellite(s)**, 516
 Markers, 905 (L), 1372
 Repeats, 985
 Sequences, 1103
 Polymorphism, 1430
- Missense variations**, 1173 (L)
- Mitochondria**, 1201
- Mitochondrial diseases**, 1218
- Mitochondrial encephalomyopathy**, 1187
- Mitochondrial encephalopathy, lactic acidosis, and strokelike episodes**, 457
- Mitochondrial genetics**, 1179 (E), 1218
- Mitochondrial myopathy, lethal infantile**, 446 (L)
- Mitochondrial respiratory-chain defect**, 191
- Mitochondrial translation**, 1187
- Mitochondrial tRNA^{Thr} mutations**, 446 (L)

- Mitotic recombination, 478
 Molecular cytogenetics, 1286
 Molecular definition, 571
 Molecular markers, 333
 Monosomy 21, 1240
 Monte Carlo EM algorithm, 1111
 mRNA, 81
 mtDNA, 457, 741, 1179 (E), 1201
 Duplication, 191
 Heteroplasmy, 1187
 Mutation, 1187, 1213
 Variant, 378
 Multifactorial threshold trait, 323
 Multiple endocrine neoplasia type 2A, 469
 Multiple miscarriages, 451 (M)
 Multiplex PCR, 251
 Multipoint linkage analysis, 396
 Multipoint linkage map, 416
 Muscle
 Facioscapulohumeral muscular dystrophy, 428
 Myoclonus epilepsy and ragged-red fibers, 1201
 Muscular dystrophy, 1452 (L)
 Mutation(s), 161, 371, 562, 627, 660, 677 (L), 678 (L), 736, 793, 802, 1344, 1355, 1406, 1445 (L)
 Detection, 251
 Hot spot, 1150
 Mitochondrial tRNA^{Thr}, 446 (L)
 Spectrin, 440 (L)
 Mutation-drift model, 1325
 Mutational analysis, 363
 Myelin proteolipid protein, 161
 Myelodysplastic syndrome, 170
 Myoclonic (or myoclonus) epilepsy and ragged-red fiber disease, 1179 (E), 1187, 1201, 1213
 Myotonia congenita, 579
 Myotonic dystrophy, 7
 MZ twins, 291

 Native Americans, 736
 Heritage, 101
 Nephrogenic diabetes insipidus, 1089
 Neurodegenerative disorder, 730
 Neurofibromatosis type 2, 478, 486
 Neuromuscular disease, 411
 Niemann-Pick disease type C, 111
 Non-Ashkenazi Jews, 1349
 Nondisjunction, 516, 701, 1265
 Origin, 1015
 Nonrandom association, 730
 Nonsense mutation, 81, 850
 Nucleotide substitution, 386

 Null alleles, 534

 Oculocutaneous albinism, 879
 One-locus analysis, 859
 One-point mutation, 666
 Ophthalmology, 1218
 Ornithine aminotransferase, 81
 Osteogenesis imperfecta type I, 508
 Oxidative phosphorylation defect/disease, 1179 (E), 1187

p-value correction, 1413
 Paternity testing, 554
 PCR, 161, 251, 442 (L), 516, 985, 1015, 1406
 Three-multiplex, 675 (L)
 PCR-RFLP, 1386
 PCR-single-strand conformation polymorphism, 1386
 Pedigree(s), 178
 Large or complex, 1111
 Pedigree analysis, 554, 1156
 Pelizaeus-Merzbacher disease, 161, 871
 Phenotype, 245, 1240
 Phenylalanine hydroxylase, 1355, 1445 (L)
 Gene, 627
 Phenylketonuria, 627, 1355, 1445 (L)
 Pheochromocytoma, 469
 Photoreceptor gene, 1028
 Physical mapping, 1251
 Piebaldism, 677 (L), 678 (L), 1058
 Pima Indians, 101
 Placenta, 1066
 Point mutation, 763, 1386
 POINTER, 1449 (L)
 Polymorphism, 677 (L), 678 (L), 1066, 1127, 1325, 1366
 Population genetics, 592, 627, 885 (HE), 1165 (L), 1325, 1355, 1445 (L)
 Porphobilinogen deaminase, 660
 Positional cloning, 411
 Prader-Willi syndrome, 701
 Preimplantation diagnosis, 985
 Prenatal diagnosis, 55, 936 (HGES)
 Presymptomatic diagnosis, 486
 Privacy, 1169 (L)
 Probands, 1156
 Procollagen type III, 497
 Product rule, 1165 (L)
 Protectionism, 893 (L)
 Proteolipid protein, 871
 Prothrombin, 1386
 Pseudoachondroplasia, 841

- Pseudoautosomal region, 526, 1172 (L)
 Pseudodeficiency, 793
 Psychophysical studies, 687
 Purine nucleoside phosphorylase deficiency, 763
 Quantile tables, 1084
 Racial hygiene, 909 (L)
 Radiosensitivity, 45
 Rare variant alleles, 609
 RB1 gene, 1450 (L)
 Receptor, 1058, 1078
 Recessive genes, 216 (HGES)
 Recombination, 333, 357, 1265, 1372
 Recurrence, new mutations, 1150
 Regressive models, 1047
 Repetitive-sequence DNA, 1103
 Reproductive genetic testing, 1161 (NIH)
 Resistance, 206 (L)
 Retinal degeneration, 81
 Retinal degeneration slow gene/peripherin retinopathy, 1028
 Retinal vascular system, 749
 Retinoblastoma, 1450 (L)
 Retinoic acid receptor alpha, 1377
 RFLP, 333, 1103
 Haplotype(s), 627, 1355, 1445 (L)
 Rheumatoid arthritis, 585
 Risk assessment, 901 (L)
 Risk estimates, 585
 ROM1, 1028
 Sampling error, 680 (L)
 Satellites, 971
 Schistosome infection, 206 (L)
 Schistosomiasis, 207 (L)
 Scientific evidence, 1164 (L)
 Screening, 675 (L)
 Carrier, cystic fibrosis, 1443 (ASHG)
 Cystic fibrosis, 943 (E)
 Fast, 440 (L)
 Segregation, 323
 Segregation analysis, 197, 207 (L), 648, 1047, 1449 (L)
 Complex, 1111, 1295
 Selection bias, 654
 Senegalese Mandenka, 592
 Serotonin, 1366
 Serum butyrylcholinesterase, 821
 Sexual dimorphism, teeth, 1451 (L)
 Short-sequence repeats, 1015
 Sib pairs, 773
 Sib trios, 773
 Simulation(s), 859, 1413
 Single-cell PCR, 985
 Single-strand (or single-sequence) conformation polymorphism, 161, 755, 871, 1366
 Somatic cell hybrid, 170, 526
 Southern blot, 1452 (L)
 Sperm typing, 985
 Sphingomyelinase, 111
 Splice-site mutation, 1127
 Sporadic Alzheimer disease, 273
 SRY, mutation, 979
 Startle disease, 1334
 Statistical independence, 1084
 Statistical power, 773
 Steroid receptor, 143
 Submicroscopic deletion, 571
 Substitution
 Arginine for glycine, 325, 135
 Oligate glycine in collagen, 497
 Succinylcholine sensitivity, 821
 Susceptibility gene, 207 (L)
 T-cell receptor beta, 579
tabby, 1036
 Tay-Sachs disease, 371, 793, 802, 1071
 Teeth, sexual dimorphism, 1451 (L)
 Telomere, 411
 Thanatophoric dysplasia, 841
 Thomsen disease, 579
 Threshold effect, 1179 (E)
 Threshold theory, 654
 Transcription regulation, 143
 Transforming growth factor alpha, 1377
 Translocation, 971
 Transmission probabilities, 1449 (L)
 Trinucleotide repeats, 7
 Trisomy 15, 701
 Trisomy 21, 1015, 1240, 1265
 Tritanopia, 444 (L)
 Tryptophan hydroxylase, 1366
 Tuberous sclerosis complex, 709
 Tubulopathy, 191
 Tunisia, 1372
 Twins, 829
 Two-locus analysis, 859
 Tyrosinase-positive oculocutaneous albinism locus, 879
 Tyrosine kinase, 677 (L), 678 (L), 1058

- Underwriting, 901 (L)
Unified model, 1449 (L)
Uniparental disomy, 701, 1171 (L), 1396
Unique allele, 680 (L)
Unstable DNA, 7
- van der Woude syndrome, 442 (L)
Variation, sampling and population, 609
Vasopressin, 1078
Vestibular schwannoma, 486
Visual pigment, 444 (L)
Vitreoretinopathy, 749
VNTR, 404, 627, 1445 (L)
 Loci, 534, 549, 1084
 Profiles, 992
von Willebrand factor gene, 850
von Willebrand factor types I and II, 850
- WAGR locus, 1286
Western Africa, 592
Wilms tumor, 1286
Wolf-Hirschhorn syndrome, 571, 971
- X chromosome inactivation, 291, 316, 1136, 1229
X-linked agammaglobulinemia, 1229
X-linked Alport syndrome, 135
X-linked deafness, 38
X-linked hydrocephalus, 307
X-linked mental retardation, 1136
Xp deletion, 526
XY pairing, 526
- Yeast artificial chromosome(s), 66
 Clones, 1251
- Zuni, 736